



UNITED STATES MARINE CORPS
MARINE CORPS COMBAT DEVELOPMENT COMMAND
QUANTICO, VIRGINIA 22134-5001

AFO 5101.1B
C 143
29 Aug 90

AIR FACILITY ORDER 5101.1B

From: Commanding Officer
To: Distribution List

Subj: FOREIGN OBJECT DAMAGE (FOD) PREVENTION PROGRAM

Ref: (a) AFO P3700.1B
(b) OPNAVINST 4790.2D Vo II

Encl: (1) Walkdown Area Chart

1. Purpose. To promulgate instructions for a comprehensive Foreign Object Damage (FOD) Prevention Program aboard Marine Corps Air Facility, Quantico, Virginia.

2 Cancellation AFO 5101 1A

3. Information. The ingestion of foreign objects and debris is a continuing problem currently accounting for the largest percentage of premature removal of gas turbine engines from naval aircraft. It is also significant that the majority of gas turbine engines undergoing depot rework exhibit some degree of FOD. The present and upward trend of engine rejection due to FOD is excessive and, in the interest of economy and operational readiness, cannot be tolerated.

4 Action

a. The Airfield Operations Officer is hereby designated the Airfield FOD Prevention Officer. A senior enlisted man may be assigned as Airfield FOD Prevention NCO and tasked with ensuring daily compliance with the FOD Prevention Program.

b. In accordance with reference (a), Crash Crew will conduct a surface check of all runways, taxiways, and ramp areas prior to the airfield opening.

c Tenant commands are responsible for

(1) Conducting FOD walkdowns on a daily basis prior to the opening of the field for operations. The area of responsibility is shown in enclosure (1).

(2) Providing appropriately marked, covered containers for loose objects picked up during FOD prevention. They must be placed in strategic and accessible locations.

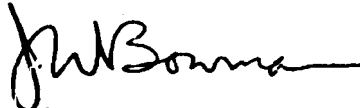
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(3) Reporting all cases of chipping, surface deterioration, or other FOD hazard to the FOD Prevention Officer

(4) Complete compliance with reference (b) in the organization and administration of the FOD Prevention Program.

d. Transient commands. In accordance with reference (a), transient commands occupying hangar space are responsible for maintenance of a FOD Prevention Program in the hangar and flightline vicinity. Those conditions which cannot be corrected will immediately be reported to the Airfield Operations Officer.

e. Use of sweeper. A sweeper may be requested by contacting the Airfield Operations Officer.


J. W. BOWMAN

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